

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(0A9FB4)	Hex(FFFFFF)	Hex(62D6EC)	Hex(81F3FF)	Hex(9FFFFFF)	Hex(BEFFFF)	Hex(DCFFFF)	Hex(FAFFFF)
Hex(0A9FB4)		Ratio: 3.17 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.17 AA 18pt ²		Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(62D6EC)	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(81F3FF)	Ratio: 2.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(9FFFFFF)	Ratio: 2.75 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BEFFFF)	Ratio: 2.86 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DCFFFF)	Ratio: 2.98 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FAFFFF)	Ratio: 3.14 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Failed to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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